

NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES

CHAPTER Env-A 500 STANDARDS APPLICABLE TO CERTAIN NEW OR MODIFIED FACILITIES
AND SOURCES OF HAZARDOUS AIR POLLUTANTS

Statutory Authority: RSA 125-C:4

PART Env-A 501 PURPOSE

Env-A 501.01 Purpose. The purpose of this chapter is to establish state standards to regulate:

(a) Certain new or modified facilities in accordance with authority delegated by the EPA under §111(c) of the Clean Air Act; and

(b) Certain sources of hazardous air pollutants in accordance with authority delegated by the EPA under §112 of the Clean Air Act.

Source. #721.19, eff 12-7-75; ss by #1717, eff 2-19-81; ss by #2332, eff 4-29-83; ss by #2938, eff 12-27-84; ss by #5033, eff 12-27-90, EXPIRED: 12-27-96

New. #7672, eff 4-5-02

PART Env-A 502 REFERENCES

Env-A 502.01 References.

(a) For the purpose of this chapter, unless otherwise specified, the July 1, 2006 edition of title 40 of the Code of Federal Regulations shall control all references to 40 CFR 60, 40 CFR 61, or 40 CFR 63.

(b) For requirements specified in Env-A 503.01, Env-A 504.01 or Env-A 505.01 inconsistent with the requirements of other provisions of Env-A 100 et seq., NH Rules Governing the Control of Air Pollution, the more stringent requirements shall control.

Source. #721.19, eff 12-7-75; ss by #1717, eff 2-19-81; ss by #2332, eff 4-29-83; ss by #2938, eff 12-27-84; ss by #5033, eff 12-27-90, EXPIRED: 12-27-96

New. #7672, eff 4-5-02; amd by #7840, eff 3-1-03; amd by #8041, eff 2-14-04; amd by #8277, eff 1-28-05; amd by #8535, eff 12-31-05; amd by #8876, eff 4-27-07

PART Env-A 503 NEW SOURCE PERFORMANCE STANDARDS

Env-A 503.01 New Source Performance Standards. The owner or operator of a new or modified facility shall comply with the following provisions of 40 CFR 60, Standards of Performance for New Stationary Sources, as applicable:

(a) Subpart A, General Provisions, except for §§60.4, 60.9, 60.10 and 60.16;

(b) Subpart D, Standards of Performance for Fossil-Fuel-Fired Steam Generators for which Construction is Commenced after August 17, 1971;

(c) Subpart Da, Standards of Performance for Electric Utility Steam Generating Units for which Construction is Commenced after September 18, 1978;

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- (d) Subpart Db, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units;
- (e) Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units;
- (f) Subpart E, Standards of Performance for Incinerators;
- (g) Subpart Ea, Standards of Performance for Municipal Waste Combustors for which Construction is Commenced after December 20, 1989 and on or before September 20, 1994;
- (h) Subpart Eb, Standards of Performance for Large Municipal Waste Combustors for which Construction is Commenced after September 20, 1994 or for which Modification or Reconstruction is Commenced after June 19, 1996;
- (i) Subpart Ec, Standards of Performance for Hospital/Medical/Infectious Waste Incinerators for which Construction is Commenced after June 20, 1996;
- (j) Subpart I, Standards of Performance for Hot Mix Asphalt Facilities;
- (k) Subpart J, Standards of Performance for Petroleum Refineries;
- (l) Subpart K, Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced after June 11, 1973, and prior to May 19, 1978;
- (m) Subpart Ka, Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced after May 18, 1978, and prior to July 23, 1984;
- (n) Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels, Including Petroleum Liquid Storage Vessels, for which Construction, Reconstruction, or Modification Commenced after July 23, 1984;
- (o) Subpart L, Standards of Performance for Secondary Lead Smelters;
- (p) Subpart M, Standards of Performance for Secondary Brass and Bronze Production Plants;
- (q) Subpart N, Standards of Performance for Primary Emissions from Basic Oxygen Process Furnaces for which Construction is Commenced after June 11, 1973;
- (r) Subpart O, Standards of Performance for Sewage Treatment Plants;
- (s) Subpart AA, Standards of Performance for Steel Plants: Electric Arc Furnaces Constructed after October 21, 1974 and on or before August 17, 1983;
- (t) Subpart AAa, New Source Performance Standards for Electric Arc Furnaces and Argon-Oxygen Steel Plants;
- (u) Subpart BB, Standards of Performance for Kraft Pulp Mills;
- (v) Subpart DD, Standards of Performance for Grain Elevators;
- (w) Subpart EE, Standards of Performance for Surface Coating of Metal Furniture;
- (x) Subpart GG, Standards of Performance for Stationary Gas Turbines;
- (y) Subpart KK, Standards of Performance for Lead-Acid Battery Manufacturing Plants;

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- (z) Subpart LL, Standards of Performance for Metallic Mineral Processing Plants;
- (aa) Subpart QQ, Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing;
- (ab) Subpart RR, Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations;
- (ac) Subpart TT, Standards of Performance for Metal Coil Surface Coating;
- (ad) Subpart UU, Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture;
- (ae) Subpart VV, Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry;
- (af) Subpart WW, Standards of Performance for the Beverage Can Surface Coating Industry;
- (ag) Subpart XX, Standards of Performance for Bulk Gasoline Terminals;
- (ah) Subpart BBB, Standards of Performance for the Rubber Tire Manufacturing Industry;
- (ai) Subpart FFF, Standards of Performance for Flexible Vinyl and Urethane Coating and Printing;
- (aj) Subpart GGG, Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries;
- (ak) Subpart HHH, Standards of Performance for Synthetic Fiber Production Facilities;
- (al) Subpart JJJ, Standards of Performance for Petroleum Dry Cleaners;
- (am) Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants;
- (an) Subpart QQQ, Standards of Performance for VOC Emissions from Petroleum Waste Water Systems;
- (ao) Subpart SSS, Standards of Performance for Magnetic Tape Coating Facilities;
- (ap) Subpart TTT, Standards of Performance for Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines;
- (aq) Subpart UUU, Standards of Performance for Calciners and Dryers in Mineral Industries;
- (ar) Subpart VVV, Standards of Performance for Polymeric Coating of Supporting Substrates Facilities;
- (as) Subpart WWW, Standards of Performance for Municipal Solid Waste Landfills;
- (at) Subpart AAAA, Standards of Performance for Small Municipal Waste Combustion Units; and
- (au) Subpart CCCC, Standards of Performance for Commercial and Industrial Solid Waste Incineration Units.

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(av) Subpart EEEE, Standards of Performance for Other Solid Waste Incineration Units.

Source. #721.19, eff 12-7-75; ss by #1717, eff 2-19-81; ss by #2332, eff 4-29-83; ss by #2938, eff 12-27-84; ss by #5033, eff 12-27-90, EXPIRED: 12-27-96

New. #7672, eff 4-5-02; amd by #8876, eff 4-27-07

PART Env-A 504 NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS

Env-A 504.01 National Emission Standards for Hazardous Air Pollutants. The owner or operator of any stationary source that emits a hazardous air pollutant regulated under 40 CFR 61, National Emission Standards for Hazardous Air Pollutants, shall comply with the following provisions of 40 CFR 61, as applicable:

- (a) Subpart A, General Provisions;
- (b) Subpart C, National Emission Standards for Beryllium;
- (c) Subpart E, National Emission Standards for Mercury;
- (d) Subpart J, National Emission Standards for Equipment Leaks, Fugitive Emission Sources, of Benzene;
- (e) Subpart M, National Emission Standards for Asbestos, as incorporated by reference in Env-A 1807.01, with amendments;
- (f) Subpart V, National Emission Standards for Equipment Leaks, Fugitive Emission Sources; and
- (g) Subpart FF, National Emission Standards for Benzene Waste Operations.

Source. #721.19, eff 12-7-75; ss by #1717, eff 2-19-81; ss by #2332, eff 4-29-83; ss by #2938, eff 12-27-84; ss by #5033, eff 12-27-90, EXPIRED: 12-27-96

New. #7672, eff 4-5-02; ss by #8277, eff 1-28-05; ss by #8535, eff 12-31-05

PART Env-A 505 NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES

Env-A 505.01 National Emission Standards for Hazardous Air Pollutants for Source Categories. The owner or operator of any stationary source that emits a hazardous air pollutant listed pursuant to Section 112(b) of the Clean Air Act shall comply with the following provisions of 40 CFR 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, as applicable, unless a title V permit with equivalent terms has been issued for such source in accordance with 40 CFR §63.94:

- (a) Subpart A, General Provisions;
- (b) Subpart D, Regulations Governing Compliance Extensions for Early Reductions of Hazardous Air Pollutants;

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(c) Subpart F, National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry;

(d) Subpart G, National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater;

(e) Subpart H, National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks;

(f) Subpart I, National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks;

(g) Subpart J, National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production;

(h) Subpart L, National Emission Standards for Hazardous Air Pollutants for Coke Oven Batteries;

(i) Subpart N, National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks;

(j) Subpart O, Ethylene Oxide Emissions Standards for Sterilization Facilities;

(k) Subpart Q, National Emission Standards for Hazardous Pollutants for Industrial Process Cooling Towers;

(l) Subpart R, National Emission Standards for Gasoline Distribution Facilities, Bulk Gasoline Terminals and Pipeline Breakout Stations;

(m) Subpart S, National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry;

(n) Subpart T, National Emission Standards for Halogenated Solvent Cleaning;

(o) Subpart U, National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins;

(p) Subpart W, National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production;

(q) Subpart X, National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting;

(r) Subpart Y, National Emission Standards for Marine Tank Vessel Loading Operations;

(s) Subpart AA, National Emission Standards for Hazardous Air Pollutants from Phosphoric Acid Manufacturing Plants;

(t) Subpart BB, National Emission Standards for Hazardous Air Pollutants from Phosphate Fertilizer Production Plants;

(u) Subpart CC, National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries;

(v) Subpart EE, National Emission Standards for Hazardous Air Pollutants for Magnetic Tape Manufacturing Operations;

- (w) Subpart GG, National Emission Standards for Aerospace Manufacturing and Rework Facilities;
- (x) Subpart HH, National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities;
- (y) Subpart II, National Emission Standards for Shipbuilding and Ship Repair, Surface Coating;
- (z) Subpart JJ, National Emission Standards for Wood Furniture Manufacturing Operations;
- (aa) Subpart KK, National Emission Standards for the Printing and Publishing Industry;
- (ab) Subpart LL, National Emission Standards for Hazardous Air Pollutants for Primary Aluminum Reduction Plants;
- (ac) Subpart MM, National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills;
- (ad) Subpart OO, National Emission Standards for Tanks – Level 1;
- (ae) Subpart PP, National Emission Standards for Containers;
- (af) Subpart QQ, National Emission Standards for Surface Impoundments;
- (ag) Subpart RR, National Emission Standards for Individual Drain Systems;
- (ah) Subpart SS, National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process;
- (ai) Subpart TT, National Emission Standards for Equipments Leaks – Control Level 1;
- (aj) Subpart UU, National Emission Standards for Equipment Leaks – Control Level 2 Standards;
- (ak) Subpart VV, National Emission Standards for Oil-Water Separators and Organic-Water Separators;
- (al) Subpart WW, National Emission Standards for Storage Vessels, Tanks, – Control Level 2;
- (am) Subpart YY, National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards;
- (an) Subpart CCC, National Emission Standards for Hazardous Air Pollutants for Steel Pickling – HCl Process Facilities and Hydrochloric Acid Regeneration Plants;
- (ao) Subpart DDD, National Emission Standards for Hazardous Air Pollutants for Mineral Wool Production;
- (ap) Subpart EEE, National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors;
- (aq) Subpart GGG, National Emission Standards for Pharmaceuticals Production;
- (ar) Subpart HHH, National Emission Standards for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities;

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(as) Subpart III, National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production;

(at) Subpart JJJ, National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins;

(au) Subpart LLL, National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry;

(av) Subpart MMM, National Emission Standards for Hazardous Air Pollutants for Pesticide Active Ingredient Production;

(aw) Subpart NNN, National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing;

(ax) Subpart OOO, National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins;

(ay) Subpart PPP, National Emission Standards for Hazardous Air Pollutant Emissions for Polyether Polyols Production;

(az) Subpart QQQ, National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting;

(ba) Subpart RRR, National Emission Standards for Hazardous Air Pollutants for Secondary Aluminum Production;

(bb) Subpart TTT, National Emission Standards for Hazardous Air Pollutants for Primary Lead Smelting;

(bc) Subpart UUU, National Emission Standards for Hazardous Air Pollutants for Petroleum Refining: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units;

(bd) Subpart VVV, National Emission Standards for Hazardous Air Pollutants: Publicly Owned Treatment Works;

(be) Subpart XXX, National Emission Standards for Hazardous Air Pollutants for Ferroalloys Production: Ferromanganese and Silicomanganese;

(bf) Subpart CCCC, National Emission Standards for Hazardous Air Pollutants for Manufacturing Nutritional Yeast;

(bg) Subpart DDDD, National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products;

(bh) Subpart EEEE, National Emission Standards for Hazardous Air Pollutants for Organic Liquids Distribution (Non-Gasoline);

(bi) Subpart FFFF, National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Manufacturing;

(bj) Subpart GGGG, National Emission Standards for Hazardous Air Pollutants for Solvent Extraction for Vegetable Oil Production;

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(bk) Subpart HHHH, National Emission Standards for Hazardous Air Pollutants for Wet Formed Fiberglass Mat Production;

(bl) Subpart IIII, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Automobiles and Light-Duty Trucks;

(bm) Subpart JJJJ, National Emission Standards for Hazardous Air Pollutants for Paper and Other Web Coating;

(bn) Subpart KKKK, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Metal Cans;

(bo) Subpart MMMM, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products;

(bp) Subpart NNNN, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Large Appliances;

(bq) Subpart OOOO, National Emission Standards for Hazardous Air Pollutants for Printing, Coating, and Dyeing of Fabrics and Other Textiles;

(br) Subpart PPPP, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products;

(bs) Subpart QQQQ, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Wood Building Products;

(bt) Subpart RRRR, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Metal Furniture;

(bu) Subpart SSSS, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Metal Coils;

(bv) Subpart TTTT, National Emission Standards for Hazardous Air Pollutants for Leather Finishing Operations;

(bw) Subpart UUUU, National Emission Standards for Hazardous Air Pollutants for Cellulose Production Manufacturing;

(bx) Subpart VVVV, National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing;

(by) Subpart WWWW, National Emissions Standards for Hazardous Air Pollutants for Reinforced Plastic Composites Production;

(bz) Subpart XXXX, National Emissions Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing;

(ca) Subpart YYYYY, National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines;

(cb) Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines;

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(cc) Subpart AAAAA, National Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants;

(cd) Subpart BBBB, National Emission Standards for Hazardous Air Pollutants for Semiconductor Manufacturing;

(ce) Subpart CCCCC, National Emission Standards for Hazardous Air Pollutants for Coke Ovens: Pushing, Quenching, and Battery Stacks;

(cf) Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters;

(cg) Subpart EEEEE, National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries;

(ch) Subpart FFFFF, National Emission Standards for Hazardous Air Pollutants for Integrated Iron and Steel Manufacturing Facilities;

(ci) Subpart GGGGG, National Emission Standards for Hazardous Air Pollutants for Site Remediations;

(cj) Subpart HHHHH, National Emission Standards for Hazardous Air Pollutants for Miscellaneous Coating Manufacturing;

(ck) Subpart IIII, National Emission Standards for Hazardous Air Pollutants for Mercury Cell Chlor-Alkali Plants;

(cl) Subpart JJJJ, National Emission Standards for Hazardous Air Pollutants for Brick and Structural Clay Products;

(cm) Subpart KKKKK, National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing;

(cn) Subpart LLLLL, National Emission Standards for Hazardous Air Pollutants for Asphalt Processing and Asphalt Roofing Manufacturing;

(co) Subpart MMMMM, National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Fabrication Operations;

(cp) Subpart NNNNN, National Emission Standards for Hazardous Air Pollutants for Hydrochloric Acid Production;

(cq) Subpart PPPPP, National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Stands;

(cr) Subpart QQQQQ, National Emission Standards for Hazardous Air Pollutants for Friction Materials Manufacturing Facilities;

(cs) Subpart RRRRR, National Emission Standards for Hazardous Air Pollutants for Taconite Iron Ore Processing;

(ct) Subpart SSSSS, National Emission Standards for Hazardous Air Pollutants for Refractory Products Manufacturing; and

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(cu) Subpart TTTTT, National Emission Standards for Hazardous Air Pollutants for Primary Magnesium Refining.

Source. #721.19, eff 12-7-75; ss by #1717, eff 2-19-81; ss by #2332, eff 4-29-83; ss by #2938, eff 12-27-84; ss by #5033, eff 12-27-90, EXPIRED: 12-27-96

New. #7672, eff 4-5-02; amd by #7840, eff 3-1-03; amd by #8041, eff 2-14-04; amd by #8277, eff 1-28-05; amd by #8535, eff 12-31-05; amd by #8876, eff 4-27-07

APPENDIX

Rule	Specific Section of State or Federal Statute or Regulation which the Rule Is Intended to Implement
Env-A 501.01(a)	RSA 125-C:4, I(a); 42 U.S.C. §7411(c); 40 CFR 60
Env-A 501.01(b)	RSA 125-C:4, I(a); 42 U.S.C. §7412(l); 40 CFR 61; 40 CFR 63
Env-A 502	RSA 125-C:4, I(a); 42 U.S.C. §7411(c); 40 CFR 60; 42 U.S.C. §7412(l); 40 CFR 61; 40 CFR 63
Env-A 502.01(a)	RSA 125-C:4, I(a); 42 U.S.C. §7411(c); 40 CFR 60; 42 U.S.C. §7412(l); 40 CFR 61; 40 CFR 63
Env-A 503	RSA 125-C:4, I(a); 42 U.S.C. §7411(c); 40 CFR 60
Env-A 503 intro., (t) and (av)	RSA 125-C:4, I(a); 42 U.S.C. §7411(c); 40 CFR 60
Env-A 504	RSA 125-C:4, I(a); 42 U.S.C. §7412(l); 40 CFR 61
Env-A 505	RSA 125-C:4, I(a); 42 U.S.C. §7412(l); 40 CFR 63
Env-A 505.01 intro., (h)	RSA 125-C:4, I(a); 42 U.S.C. §7412(l); 40 CFR 63